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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : ADRIAN BOARIU  
Serial No. : 09/848,794  
Filed : May 4, 2001  
For : DECODER, AND AN ASSOCIATED METHOD, FOR DECODING  
SPACE-TIME ENCODED DATA  
Group No. : 2631  
Examiner : Not yet assigned

Commissioner of Patents  
Washington, D. C. 20231

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**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement. This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. The patents, publications and other information herein are listed below and on the attached Form PTO-1449. Copies of the listed references are submitted herewith.

**Publications**

BAUCH, Gerhard and NAGUIB, Ayman F.; "MAP Equalization of Space-Time Coded Signals over Frequency Selective Channels" IEEE of Wireless Communications and Networking Conference, WCNC 99; 0-7803-5668-3/99, 1999 IEEE, pages 261-265;

KLANG, Göran and NAGUIB, Ayman F.; "Transmit Diversity Based on Space-Time Block Codes in Frequency Selective Rayleigh Fading DS-CDMA Systems" IEEE Vehicular Technology Corp., VTC 2000, Pages 264-268;

DABAK, Anand G., Schmidl, Time and SENGUPTA, Chaitali; "Equalization and multi-user detection for space time block coding based transmit diversity (STTD) in frequency selective channels"; IEEE Vehicular Technology Corp., Boston MA, September 2000;

"Multicast Downlink"; Nokia 1999; Page 1

"Multicast Uplink alternative 1"; Nokia 1999; Page 2

"Multicast Uplink alternative 2"; Nokia 1999; Page 3

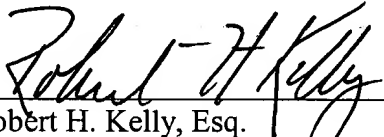
Applicant hereby expressly reserves the right to swear behind the effective dates of any of the above Patents and to question the relevance and materiality of the Patents and Publications listed herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Novakov Davis Deposit Account No. 50-0208.

Respectfully submitted,

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

The undersigned hereby certifies that the following documents:

- 1) Information Disclosure Statement;
- 2) Form PTO-1449;
- 3) Six (6) references; and,
- 4) Postcard receipt.

relating to the above application, were deposited as "First Class Mail", with the United States Postal Service, addressed to: Commissioner for Patents, Washington, D.C. 20231, on November 6, 2001.

Date: 11/6/01

James Zsvata  
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Date: 6 Nov 01

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